

# MATERIAL SAFETY DATA SHEET

## TROPICAL ASPHALT



			<b>Commercial Grade Roofing Cement Asbestos Free</b>
FLORIDA PLANT	CALIFORNIA PLANT	TEXAS PLANT	<b>Identify (Trade Name As Used on Label): TAPCO Commerical Grade</b>
1904 S.W. 31 <sup>ST</sup> Ave. Hallandale Beach, FL 33009	14435 Macaw Street La Mirada, California 90638	P.O. Box 5335 Port Arthur, Texas 77640	<b>MSDS Number*:</b> COM-1
Information Phone Number: (800) 432-2855	Information Phone Number: (877) 827-2622	Information Phone Number: (866) 727-0091	<b>CAS Number*:</b> N/A Mixture
Emergency Phone Number: (800) 432-2855	Emergency Phone Number: (877) 827-2622	Emergency Phone Number: (866) 727-0091	<b>Date Prepared:</b> January 2, 1999 <b>Date Revised:</b> October 1, 1999

### SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or Greater, Carcinogens 0.1% or Greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Asphalt Base	<65%	5mg/M <sup>3</sup>	5mg/M <sup>3</sup>	Ceiling of 10mg/M <sup>3</sup>
Volatile Petroleum Solvents	<22%	100ppm	350mg/M <sup>3</sup>	Max. 3 hr. 1,800mg/M <sup>3</sup>
Fibers, natural (non-asbestos)	<3%	As Dust	10mg/M <sup>3</sup>	
Fibers, synthetic		As Dust	10mg/M <sup>3</sup>	

### SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	313°F	Specific Gravity (H <sub>2</sub> O = 1):	>1.0
Vapor Pressure (mm Hg and Temperature):	ND	Melting Point:	ND
Vapor Density (Air = 1):	ND	Evaporation Rate (Butyl Acetate = 1):	ND
Solubility in Water:	Insoluble	Water Reactive:	None
<b>Appearance and Odor:</b> Dark color, viscous liquid, petroleum odor when thoroughly stirred.			

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b> >100°F <b>Method Used:</b> NFPA	<b>Auto-Ignition Temperature:</b> >400°F	<b>Flammability Limits in Air % by Volume</b>	<b>LEL:</b> 0.9%	<b>UEL:</b> 6.0%
<b>Extinguisher Media:</b> Dry Chemical, foam.				
<b>Special Fire Fighting Procedures:</b> N/A				
<b>Unusual Fire and Explosion Hazards:</b> Petroleum-based compounds can float in water.				

\* = Optional

ND = Not Determined

OSHA 1/4

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## SECTION 4 - REACTIVITY HAZARD DATA

Stability: Stable  Unstable

Conditions to Avoid: Keep from heat, sparks, open flame

Incompatibility (Materials to Avoid): Acids, caustics, oxidizers

Hazardous Decomposition Products: Nitrogen oxides, carbon oxides.

Hazardous Polymerization:  May Occur  Will Not Occur

Conditions to Avoid: N/A

## SECTION 5 - HEALTH HAZARD DATA

### Primary Routes of Entry:

Inhalation: Vapors

Ingestion: Slight

Skin Absorption: Very Slight

Not Hazardous:

### Carcinogen Listed in:

NTP  IARC Monograph

OSHA  Not Listed

### Health Hazards

Acute: Itching, unconsciousness, dizzy, dry skin, nausea

Chronic: Difficult breathing (cancer studies inconclusive)

Signs and Symptoms of Exposure: Repeated/continuous exposure can cause: chemical pneumonia, liver/kidney damage.

Medical Conditions Generally Aggravated by Exposure: Repeated/continuous exposure can aggravate emphysema.

EMERGENCY FIRST AID PROCEDURES: Large amounts may need immediate emergency treatment.

Eye Contact: Flush eyes for 15 minutes with clean water, GET MEDICAL ATTENTION.

Skin Contact: Wash with soap and water. Get medical care if irritation persists.

Inhalation: Get to fresh air, administer oxygen or artificial respiration.

Ingestion: DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION QUICKLY.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Organic vapor cartridge if in an enclosed area.

Protective Gloves: Impervious to solvents

Eye Protection: Chemical goggles for vapors optional, none normally needed.

### Ventilation To Be Used:

Local Exhaust: If outside

Special:

Mechanical (General): If inside

Other (Specify): Avoid vapor concentrations.

Other Protective Clothing and Equipment: Long-sleeve shirt and long pants preferred, none required.

Hygienic Work Practices: Wear gloves to prevent irritations. Wash skin with soap and water or waterless cleaner-do not use solvents

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be Taken if material is Spilled or Released: Use non-sparking tools with absorbent material (limestone), shovel up and place in closed container for proper disposal.

Waste Disposal Methods: RCRA regulated material. Consult local, state, and federal regulations for permitted land fill disposal or incineration.

Precautions to be Taken in Handling and Storage: Use in well-ventilated area, store in DRY, cool area.

Other Precautions and/or Special Hazards: DO NOT HEAT FOR APPLICATION. Wash contaminated clothing.